# 793060 793060

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Box Patent Application Assistant Commissioner for Patents Washington, D.C. 20231

#### NEW APPLICATION TRANSMITTAL

Transmitted herewith for filing is the patent application of

Inventor(s):

Mark Manuel

**WARNING:** 

37 C.F.R. § 1.41(a)(1) points out:

"(a) A patent is applied for in the name or names of the actual inventor or inventors.

(1) The inventorship of a nonprovisional application is that inventorship set forth in the oath or declaration as prescribed by § 1.63, except as provided for in § 1.53(d)(4) and § 1.63(d). If an oath or declaration as prescribed by § 1.63 is not filed during the pendency of a nonprovisional application, the inventorship is that inventorship set forth in the application papers filed pursuant to § 1.53(b), unless a petition under this paragraph accompanied by the fee set forth in § 1.17(i) is filed supplying or changing the name or names of the inventor or inventors."

For (title):

A TOOL AND A METHOD FOR MAKING A TOOL

#### **CERTIFICATION UNDER 37 C.F.R. 1.10\***

(Express Mail label number is mandatory.)
(Express Mail certification is optional.)

hereby certify that this corresponder	nce and the documen	its referred to as attached therein are being deposited with the Office
States Postal Service on this date	August 14, 2001	, in an envelope as "Express Mail Post Office to
Addressee," mailing Label Number		, addressed to the: Assistant Commissioner for Patents, Washington,
D.C. 20231.		10

ELB40522112US Richard Kendra

(type or print name of person mailing paper

Signature of person mailing paper

**WARNING:** 

Certificate of mailing (first class) or facsimile transmission procedures of 37 C.F.R. 1.8 cannot be used to

obtain a date of mailing or transmission for this correspondence.

\*WARNING:

Each paper or fee filed by "Express Mail" must have the number of the "Express Mail" mailing label placed

thereon prior to mailing. 37 C.F.R. 1.10(b).

"Since the filing of correspondence under § 1.10 without the Express Mail mailing label thereon is an oversight that can be avoided by the exercise of reasonable care, requests for waiver of this requirement will

not be granted on petition." Notice of Oct. 24, 1996, 60 Fed. Reg. 56,439, at 56,442.

(Application Transmittal—page 1 of 12)

### 1. Type of Application

This new application is for a(n)

(check one applicable item below)

	[X]	Original (nonprovisional)
	[]	Design
	[]	Plant
WARNI	N <b>G:</b> 371(c)(4 applicat	<b>Do not</b> use this transmittal for a completion in the U.S. of an International Application under 35 U.S.C. ), unless the International Application is being filed as a divisional, continuation or continuation-in-part ion.
WARNI	NG:	Do not use this transmittal for the filing of a provisional application.
TRANSMITTAL WH		the following 3 items apply, then complete and attach ADDED PAGES FOR NEW APPLICATION MITTAL WHERE BENEFIT OF A PRIOR U.S. APPLICATION CLAIMED and a NOTIFICATION IN PARENT PATION OF THE FILING OF THIS CONTINUATION APPLICATION.
	[]	Divisional. Continuation. Continuation-in-part (C-I-P).

# 2. Benefit of Prior U.S. Application(s) (35 U.S.C. 119(e), 120, or 121)

NOTE: A nonprovisional application may claim an invention disclosed in one or more prior filed copending nonprovisional applications or copending international applications designating the United States of America. In order for a nonprovisional application to claim the benefit of a prior filed copending nonprovisional application or copending international application designating the United States of America, each prior application must name as an inventor at least one inventor named in the later filed nonprovisional application and disclose the named inventor's invention claimed in at least one claim of the later filed nonprovisional application in the manner provided by the first paragraph of 35 U.S.C. 112. Each prior application must also be:

- (i) An international application entitled to a filing date in accordance with PCT Article 11 and designating the United States of America; or
- (ii) Complete as set forth in § 1.51(b); or
- (iii) Entitled to a filing date as set forth in § 1.53(b) or § 1.53(d) and include the basic filing fee set forth in § 1.16; or
- (iv) Entitled to a filing date as set forth in § 1.53(b) and have paid therein the processing and retention fee set forth in § 1.21(l) within the time period set forth in § 1.53(f).

37 C.F.R. § 1.78(a)(1).

NOTE If the new application being transmitted is a divisional, continuation or a continuation-in-part of a parent case, or where the parent case is an International Application which designated the U.S., or benefit of a prior provisional application is claimed, then check the following item and complete and attach ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION(S) CLAIMED.

(Application Transmittal-page 2 of 12)

or 365(c) the appli account, 365(a) of	If an application claims the benefit of the filing date of an earlier filed application under 35 U.S.C. 120, 121, the 20-year term of that application will be based upon the filing date of the earliest U.S. application that cation makes reference to under 35 U.S.C. 120, 121 or 365(c). (35 U.S.C. 154(a)(2) does not take into for the determination of the patent term, any application on which priority is claimed under 35 U.S.C. 119, r 365(b).) For a c-i-p application, applicant should review whether any claim in the patent that will issue is d by an earlier application and, if not, the applicant should consider canceling the reference to the earlier lication. The term of a patent is not based on a claim-by-claim approach. See Notice of April 14, 1995, 60
filed app	lication. The term of a patent is not based on a claim-by-claim approach. See Notice of April 11, 1995, or
Fed Rea	z. 20,195, at 20,205.

WARNING: When the last day of pendency of a provisional application falls on a Saturday, Sunday, or Federal holiday within the District of Columbia, any nonprovisional application claiming benefit of the provisional application must be filed prior to the Saturday, Sunday, or Federal holiday within the District of Columbia. See 37 C.F.R. § 1.78(a)(3).

[ ] The new application being transmitted claims the benefit of prior U.S. application(s). Enclosed are ADDED PAGES FOR NEW APPLICATION TRANSMITTAL WHERE BENEFIT OF PRIOR U.S. APPLICATION (S) CLAIMED.

## 3. Papers Enclosed

- A. Required for Filing Date under 37 C.F.R. § 1.53(b) (Regular) or 37 C.F.R. § 1.153 (Design) Application
  - \_11\_ Pages of Specification
  - 5 Pages of Claims
  - 3 Sheets of Drawing

WARNING: DO NOT submit original drawings. A high quality copy of the drawings should be supplied when filing a patent application. The drawings that are submitted to the Office must be on strong, white, smooth, and non-shiny paper and meet the standards according to § 1.84. If corrections to the drawings are necessary, they should be made to the original drawing and a high-quality copy of the corrected original drawing then submitted to the Office. Only one copy is required or desired. For comments on proposed then-new 37 C.F.R. 1.84, see Notice of March 9, 1988. (1990 O.G. 57-62).

NOTE: "Identifying indicia, if provided, should include the application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application. This information should be placed on the back of each sheet of drawing a minimum distance of 1.5 cm. (5/8 inch) down from the top of the page. . ." 37 C.F.R. § 1.84(c)).

(complete the following, if applicable)

[]	The enclosed drawing(s) are photograph(s), and there is also attached a "PETITION TO ACCEPT PHOTOGRAPH(S) AS DRAWING(S)." 37 C.F.R. § 1.84(b).
[X ] [ ]	Formal Informal
В.	Other Papers Enclosed  2 Pages of declaration and power of attorney 1 Page of Abstract

		Other
4.	Additi	onal Papers Enclosed
	[]	Amendment to claims
		[] Cancel in this applications claims before calculating the filing fee. (At least one original independent claim must be retained for filing
		purposes.)  Add the claims shown on the attached amendment. (Claims added have been numbered consecutively following the highest numbered original claims.)
	[]	Preliminary Amendment Information Disclosure Statement (37 C.F.R. § 1.98) Form PTO-1449 (PTO/SB/08A and 08B) Citations
	[]	Declaration of Biological Deposit Submission of "Sequence Listing," computer readable copy and/or amendment pertaining the state for biotechnology invention containing nucleotide and/or amino acid sequence.
	[ ] [ ] [ ]	Authorization of Attorney(s) to Accept and Follow Instructions from Representative Special Comments Other
5.	Decla	ration or Oath (including power of attorney)
NOTE:	nonpro the inv execut is subn invent that de under	by executed declaration is not required in a continuation or divisional application provided the prior ovisional application contained a declaration as required, the application being filed is by all or fewer than all tentors named in the prior application, there is no new matter in the application being filed, and a copy of the ed declaration filed in the prior application (showing the signature or an indication thereon that it was signed) in the copy must be accompanied by a statement requesting deletion of the names of person(s) who are not ors of the application being filed. If the declaration in the prior application was filed under § 1.47 then a copy of calculation must be filed accompanied by a copy of the decision granting § 1.47 status or, if a nonsigning person § 1.47 has subsequently joined in a prior application, then a copy of the subsequently executed declaration must d. See 37 C.F.R. § $1.63(d)(1)$ -(3).
NOTE:	identij	laration filed to complete an application must be executed, identify the specification to which it is directed, fy each inventor by full name, including the family name, and at least one given name without abbreviation her with any other given name or initial, and the residence, post office address and country of citizenship of each for, and state whether the inventor is a sole or joint inventor. 37 C.F.R. § 1.63(a)(1)-(4).
	[X]	Enclosed
		Executed by
		(check all applicable boxes)
		<ul> <li>[X] inventor(s).</li> <li>[] legal representative of inventor(s). 37 C.F.R. § 1.42 or 1.43.</li> <li>[] joint inventor or person showing a proprietary interest on behalf of inventor who refused to sign or cannot be reached.</li> </ul>

			[]	This is the petition required by 37 C.F.R. § 1.47 and the statement required by 37 C.F.R. § 1.47 is also attached. See item 13 below for fee.
	[]	Not En	closed.	
NOTE:	applicati	on contair tion or co	ıs subjeci ntinuatioi	tion in the U.S. of an International Application, or where the completion of the U.S. matter in addition to the International Application, the application may be treated as a n-in-part, as the case may be, utilizing ADDED PAGE FOR NEW APPLICATION ENEFIT OF PRIOR U.S. APPLICATION CLAIMED.
		[]	Applicall the	eation is made by a person authorized under 37 C.F.R. 1.41(c) on behalf of above named inventor(s).
	(The	e declara	ition or	oath, along with the surcharge required by 37 C.F.R. § 1.16(e), can be filed subsequently).
			[]	Showing that the filing is authorized. (not required unless called into question. 37 C.F.R. § 1.41(d))
6.	Invent	orship S	Stateme	ent
WARNI	N <b>G:</b> the vario	If the na	med inve	ntors are each not the inventors of all the claims an explanation, including the ownership of ne the last claimed invention was made, should be submitted.
The in	ventorsh	ip for al	l the cla	aims in this application are:
	[X]	The sa	me.	or
	[]	Not the las	t claime is sub	An explanation, including the ownership of the various claims at the time ed invention was made, mitted.  e submitted.
7.	Langi	ıage		
NOTE:		12 C 16 0	was Eng	signed oath or declaration may be filed in a language other than English. An English lish language application and the processing fee of \$130.00 required by 37 C.F.R. § 1.17(k) the application, or within such time as may be set by the Office. 37 C.F.R. § 1.52(d).
	[X ]	Englis Non-I	sh English	
		[]		attached translation includes a statement that the translation is accurate. 37 R. § 1.52(d).

	[]	An assignment of the invention to			
		[]	is attached. A s MENT) ACCO PTO 1595 is al will follow.	separate [ ] "COVER SHEET FO MPANYING NEW PATENT All lso attached.	R ASSIGNMENT (DOCU- PPLICATION" or [ ] FOR
NOTE:	"If an a	ssignmen gnment".	t is submitted with a Notice of May 4, 199	new application, send two separate lette 0 (1114 O.G. 77-78).	rs-one for the application and one
WARNIN	V <b>G:</b> applica	A newl tion is file	y executed "STATEN ed by an assignee. No	MENT UNDER 37 C.F.R. § 3.73(b)" mus otice of April 30, 1993, 1150 O.G. 62-64.	st be filed when a continuation-in-
9.	Certif	ied Coj	ру		
	Certif	ied copy	y(ies) of applicati	on(s)	
	Co	untry		Appln. no.	Filed
	Co	untry		Appln. no.	Filed
<u> </u>	Co	untry		Appln. no.	Filed
from w	[]	is (ar will t	s claimed e) attached. follow.		
NOTE:	The for C.F.R.	reign app § 1.55(a	lication forming the a	basis for the claim for priority must be re	eferred to in the oath or declaration
NOTE:	or Inte	rnational	l Application from whereign application the	for which the application being filed dire hich this application claims benefit under n complete item 18 on the ADDED PAG. OF PRIOR U.S. APPLICATION(S) CLA	ES FOR NEW APPLICATION
10.	Fee (	Calcula	tion (37 C.F.R. §	1.16)	
	Α.	[X]	Regular appli	cation	

		CLAIM	S AS FILED		
Claims	Number Filed	Basic Fee Allowance	Number Extra	Rate	Basic Fee 37 C.F.R. § 1.16(a) \$710.00
Total Claims (37 C.F.R. § 1.16(c))		20 =	х	\$ 18.00	
Independent C (37 C.F.R. § 1.16(b))	laims	3 =	2 x	\$ 80.00	
Multiple Deper Claim(s), if any (37 C.F.R. § 1.16(d))			+	\$270.00	

	[]	Amendment del	leting multiple-o	aims is enclosed. dependencies is enclosed. g paid at this time.		
NOTE:	If the fee expiration § 1.16(d,	n of the time period s	re not paid on filin et for response by i	g they must be paid or the claims the Patent and Trademark Office in	cancelled by a any notice of f	mendment, prior to the ee deficiency. 37 C.F.R.
				Filing Fee Calculation	\$	<u>710</u>
	В.	[ ] Design (\$320.00—37	application C.F.R. § 1.16(f	Filing Fee Calculation	\$	
	C.		pplication C.F.R. § 1.16(§	g)) Filing Fee Calculation	\$	
11.	Small	Entity Statemer	ıt(s)			
	[X]	Applicant is en	titled to small e	ntity status.		
WARN	available including status he (including determing applicate may rely applicate in the pro-	e and desired. Status g applications or par as been established. The ag a continued pross action as to continued ion claiming benefit y on a statement file ion includes a referent prior application or in	as a small entity in tents which are dir The refiling of an a gecution application dentitlement to smunder 35 U.S.C. It in the prior apprice to the statement and store to the patent and store to the statement and store the statemen	recifically established in each application or patent does not eatly or indirectly dependent upon application under § 1.53 as a continuation under § 1.53 as a continuation of the filing of all entity status for the continuing of 19(e), 120, 121, or 365(c) of a pripolication or in the patent if the not in the prior application or in the patent is still proper such a reference for purposes of the	nt affect any oth the application uation, division for reissue applior reissue applior application, aprovisional apatent or includer and desired. It	er application or patent, in or patent in which the is, or continuation-in-part clication requires a new cation. A nonprovisional or a reissue application opplication or the reissue as a copy of the statement. The payment of the small
			(complete th	he following, if applicable)		
	[]	1		aimed in prior application d on dor:	from whic	h benefit is being
		35 U.S.C. §	[ ] 119(c [ ] 120, [ ] 121, [ ] 365(c			
		and which stat	us as a small en	tity is still proper and desired	<b>l.</b>	
		[ ] A cop	y of the stateme	ent in the prior application is	included.	

Filing Fee Calculation (50	% of <b>A</b> , <b>B</b> or <b>C</b> above)
s of the full fee paid will be refur	

Processing and retention fee

(\$40.00; 37 C.F.R. § 1.21(e))

(\$130.00; 37 C.F.R. §§ 1.53(d) and 1.21(l))

Fee for international-type search report

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[]

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NOTE: Any excess of the full fee paid will be refunded if a small entity status is established refund request are filed within 2 months of the date of timely payment of a full fee. The two-month period is not extendable under § 1.136. 37 C.F.R. § 1.28(a).

<u>355</u>

# Request for International-Type Search (37 C.F.R. § 1.104(d)) 12. (complete, if applicable) Please prepare an international-type search report for this application at the time when [] national examination on the merits takes place. Fee Payment Being Made at This Time 13. Not Enclosed [] No filing fee is to be paid at this time. [ ] (This and the surcharge required by 37 C.F.R. § 1.16(e) can be paid subsequently.) Enclosed [X]355 Basic Filing fee [ X] Recording assignment [] (\$40.00; 37 C.F.R. § 1.21(h)) (See attached "COVER SHEET FOR ASSIGNMENT ACCOMPANYING NEW APPLICATION.") Petition fee for filing by other [] than all the inventors or person on behalf of the inventor where inventor refused to sign or cannot be reached (\$130.00; 37 C.F.R. §§ 1.47 and 1.17(i)) For processing an application with a [] specification in a non-English language (\$130.00; 37 C.F.R. §§ 1.52(d) and 1.17(k))

NOTE: 37 C.F.R. § 1.21(l) establishes a fee for processing and retaining any application that is abandoned for failing to complete the application pursuant to 37 C.F.R. § 1.53(f) and this, as well as the changes to 37 C.F.R. § 1.53 and 1.78(a)(l), indicate that in order to obtain the benefit of a prior U.S. application, either the basic filing fee must be paid, or the processing and retention fee of § 1.21(l) must be paid, within I year from notification under § 53(f).

Total Fees Enclosed

dr.	255
<b>D</b>	333

14. Method of Pa	ayment of Fees
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[X ]	Check in the amount of \$	<u>355</u>	
[]	Charge Account No.	in the amount of \$	
( )	A duplicate of this transmittal is attached.		

NOTE: Fees should be itemized in such a manner that it is clear for which purpose the fees are paid. 37 C.F.R. § 1.22(b).

# 15. Authorization to Charge Additional Fees

WARNING: If no fees are to be paid on filing, the following items should <u>not</u> be completed.

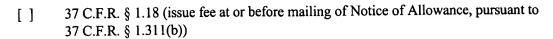
WARNING: Accurately count claims, especially multiple dependent claims, to avoid unexpected high charges, if extra claim charges are authorized.

- [X] The Commissioner is hereby authorized to charge the following additional fees by this paper and during the entire pendency of this application to Account No. 03-1723.
  - [X] 37 C.F.R. § 1.16(a), (f) or (g) (filing fees)
  - [X] 37 C.F.R. § 1.16(b), (c) and (d) (presentation of extra claims)

NOTE: Because additional fees for excess or multiple dependent claims not paid on filing or on later presentation must only be paid or these claims cancelled by amendment prior to the expiration of the time period set for response by the PTO in any notice of fee deficiency (37 C.F.R. § 1.16(d)), it might be best not to authorize the PTO to charge additional claim fees, except possibly when dealing with amendments after final action.

- [X] 37 C.F.R. § 1.16(e) (surcharge for filing the basic filing fee and/or declaration on a date later than the filing date of the application)
- [X] 37 C.F.R. § 1.17(a)(1)-(5) (extension fees pursuant to § 1.136(a).
- [X] 37 C.F.R. § 1.17 (application processing fees)

NOTE: "A written request may be submitted in an application that is an authorization to treat any concurrent or future reply, requiring a petition for an extension of time under this paragraph for its timely submission, as incorporating a petition for extension of time for the appropriate length of time. An authorization to charge all required fees, fees under § 1.17, or all required extension of time fees will be treated as a constructive petition for an extension of time in any concurrent or future reply requiring a petition for an extension of time under this paragraph for its timely submission. Submission of the fee set forth in § 1.17(a) will also be treated as a constructive petition for an extension of time in any concurrent reply requiring a petition for an extension of time under this paragraph for its timely submission." 37 C.F.R. § 1.136(a)(3).



NOTE: Where an authorization to charge the issue fee to a deposit account has been filed before the mailing of a Notice of Allowance, the issue fee will be automatically charged to the deposit account at the time of mailing the notice of allowance.

37 C.F.R. § 1.311(b)).

NOTE: 37 C.F.R. § 1.28(b) requires "Notification of any change in status resulting in loss of entitlement to small entity status must be filed in the application . . . prior to paying, or at the time of paying, . . issue fee." From the wording of 37 C.F.R. § 1.28(b), (a) notification of change of status must be made even if the fee is paid as "other than a small entity" and (b) no notification is required if the change is to another small entity.

#### 16. Instructions as to Overpayment

NOTE: "... Amounts of twenty-five dollars or less will not be returned unless specifically requested within a reasonable time, nor will the payer be notified of such amounts; amounts over twenty-five dollars may be returned by check or, if requested, by credit to a deposit account." 37 C.F.R. § 1.26(a).

[X] Credit Account No. <u>03-1723</u>

[] Refund

#### 17. Request Not to Publish

[X] Applicants request that this application not be published, since at this time the application has not been and will not be the subject of an application filed in another country that requires eighteen month publication.

Reg. No. 33,483

Tel. No.: 248-865-9588

Customer No.:

SIGNATURE OF PRACTITIONER

John G. Chupa, Esq.

Chapa & Alberti, P.C.

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Farmington Hills, MI 48334